

FIG. 1A

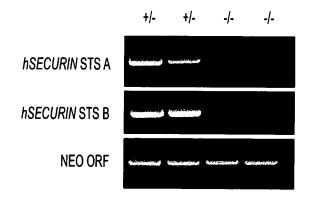


FIG. 1B

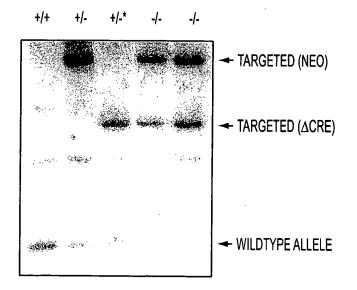
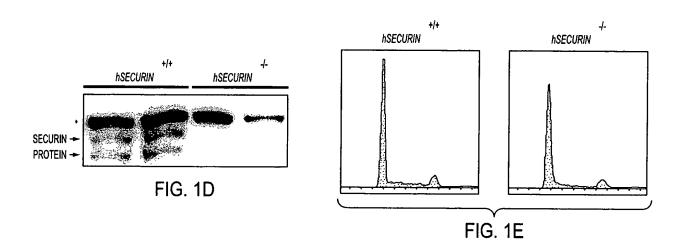


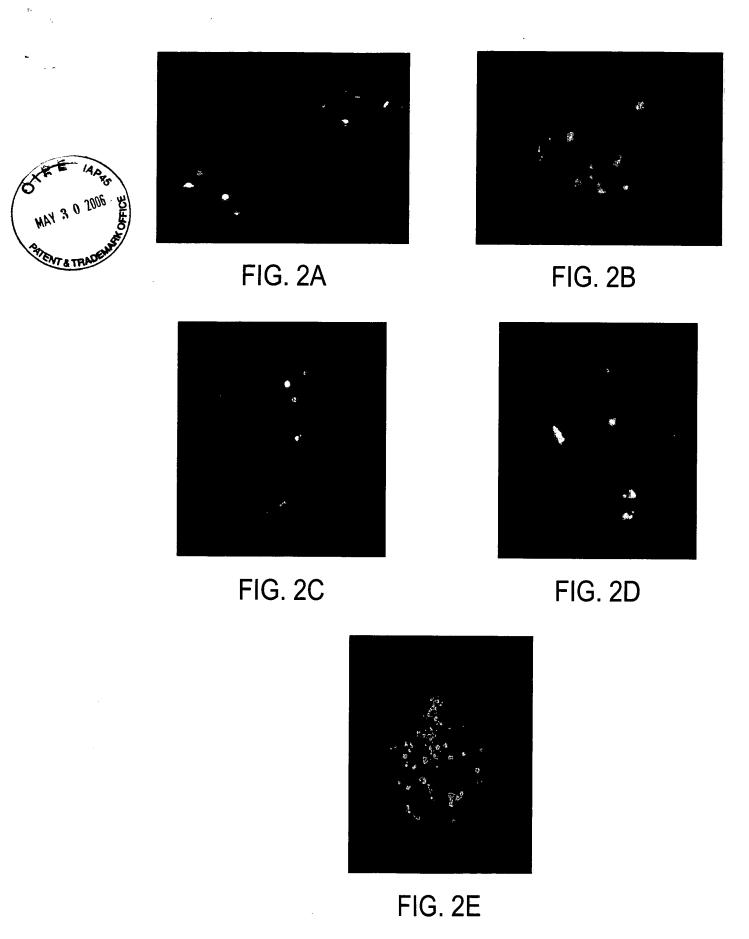
FIG. 1C





FACS ANALYSIS (%) CYTOLOGY (%) **hSECURIN** G1 S G2/M APOPTOSIS MITOSIS INTERPHASE 69 17 14 2 97 -/-70 16 14 1.8 0.7 97.5

FIG. 1F

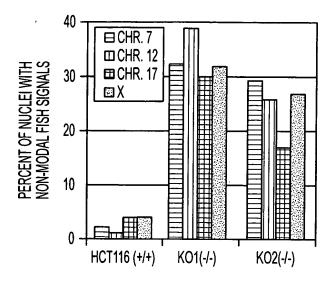




| % OF CELLS OFF THE MODE | 2 | 4 | 4 | 24 | 30 | 26 | 32 | 31 | 20 | 1 | 27 | | |
|---------------------------------|---|-------|--------------|--------------|--------------|----------------------|--------------|----------------------|-----------|----------------------|------|---|------|
| >5 | 00 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | - | - | 0 | | |
| CELL 4 | 0 0 | 0 | 0 | 13/1 | <u> </u> | 0 | - | 5 | ო | 3 | 0 | | |
| ALS PER 3 | 0 - | 2 | 0 | 8 | 7 | 13/ | 2 | 8 | 3 | 4 | 1 | | |
| NUMBER OF FISH SIGNALS PER CELI | 86 66 ################################## | ##### | 4 | ₩ 9/ | <u></u> 10 ⊞ | ≡ 74 ≡ | 15/ | ⊞ 69 ⊞ | ⊞ 08 ⊞ | ≡ 83 ≡ | 7.10 | | > |
| BER OF F | 2 | 2 | ⊞ 96 ⊞ | 3 | 1 | 11 | ₩ 89 ₩ | 15 | 11 | | 13 | | |
| NON O | 0 0 | | 0 | 0 | 0 | 2 | 14 | 1 | 2 | 2 | 16 | | |
| CHROMOSOME ANALYZED | 7 | 11 | × | L | 12 | 41 | X | 7 | 12 | 17 | × | | |
| | HCT116 (+/+) | | | KO1 (-/-) | | | | K02 (- <i>f-</i>) | | | | ノ | |

FIG. 2F





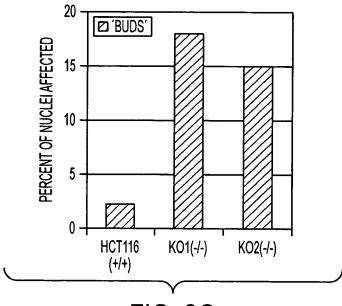


FIG. 2G



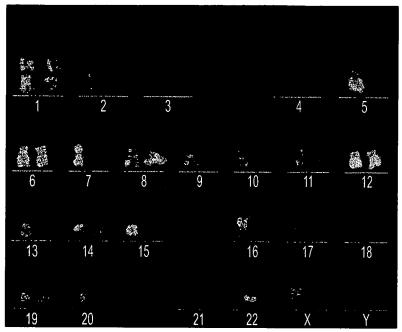


FIG. 3A

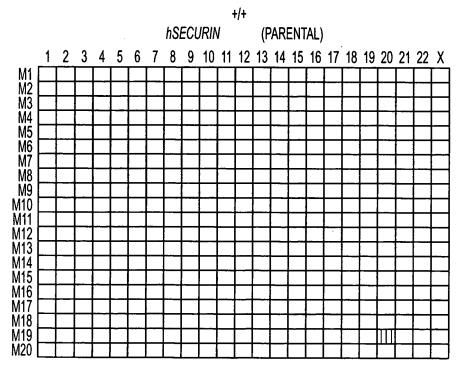


FIG. 3B



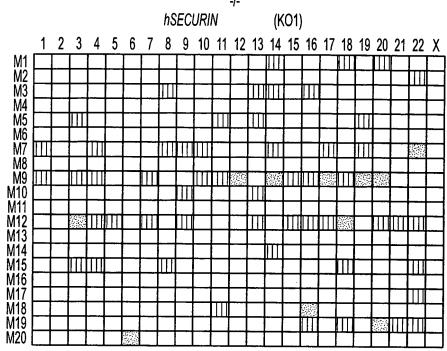


FIG. 3C

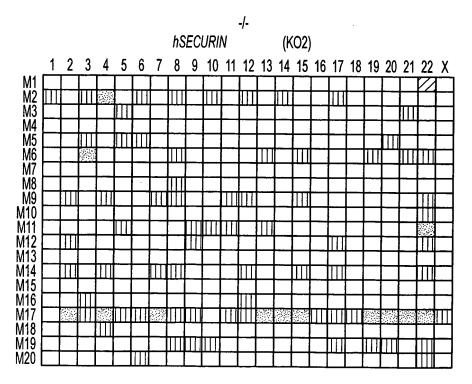


FIG. 3D

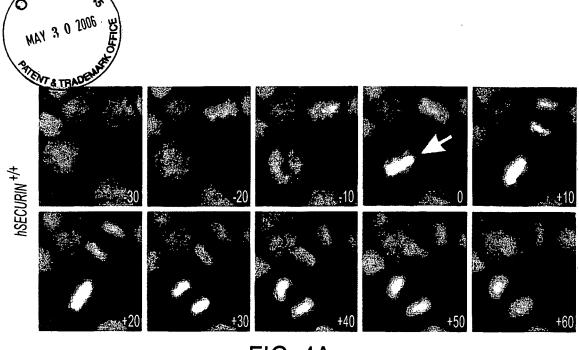


FIG. 4A

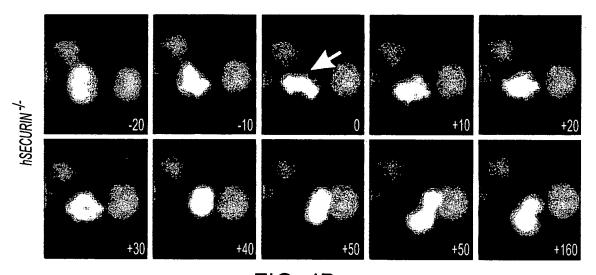


FIG. 4B

| MITOTIC INTERVAL | hSECURIN | | | | |
|-----------------------|----------|-----|--|--|--|
| (MINUTES) | +/+ | -/- | | | |
| PROPHASE TO METAPHASE | 15 | 19 | | | |
| METAPHASE TO ANAPHASE | 21 | 57 | | | |
| ANAPHASE TO TELOPHASE | 17 | 16 | | | |

FIG. 4C

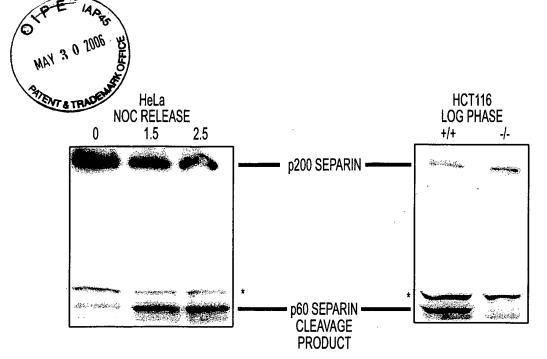


FIG. 5A

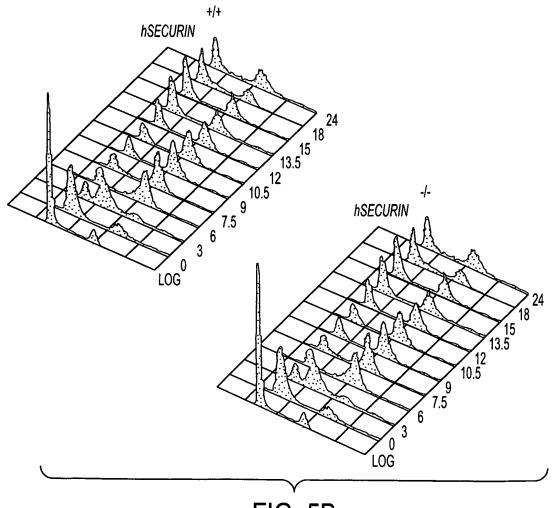


FIG. 5B



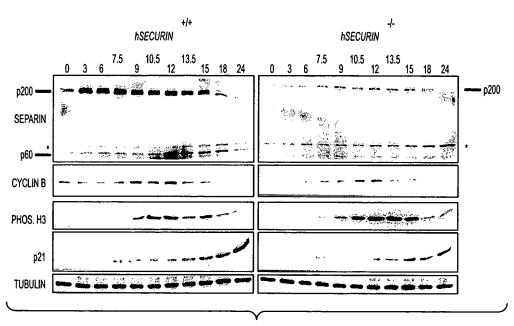
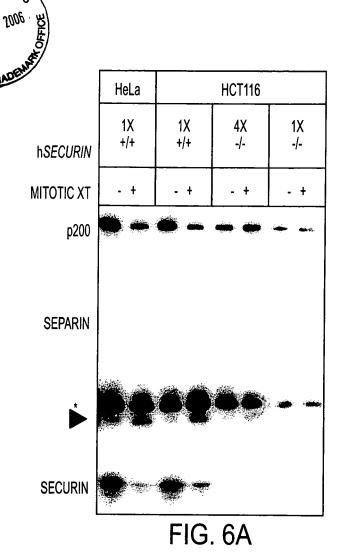
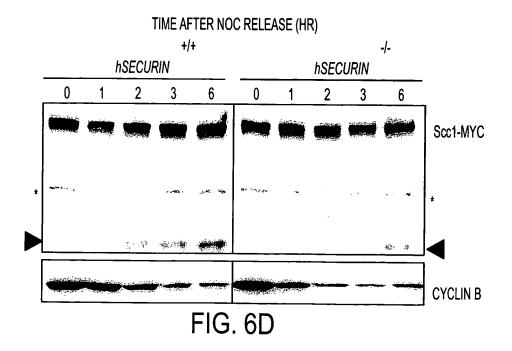
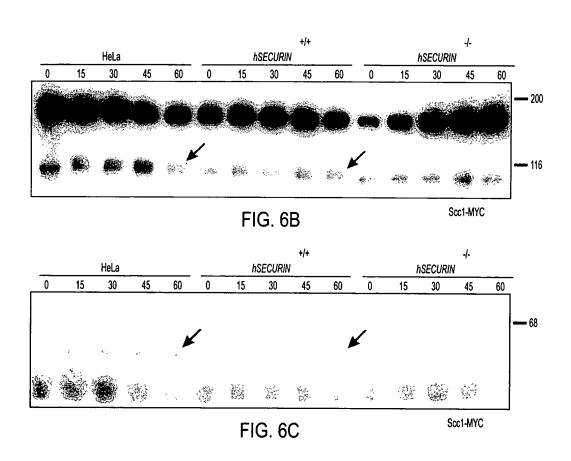


FIG. 5C









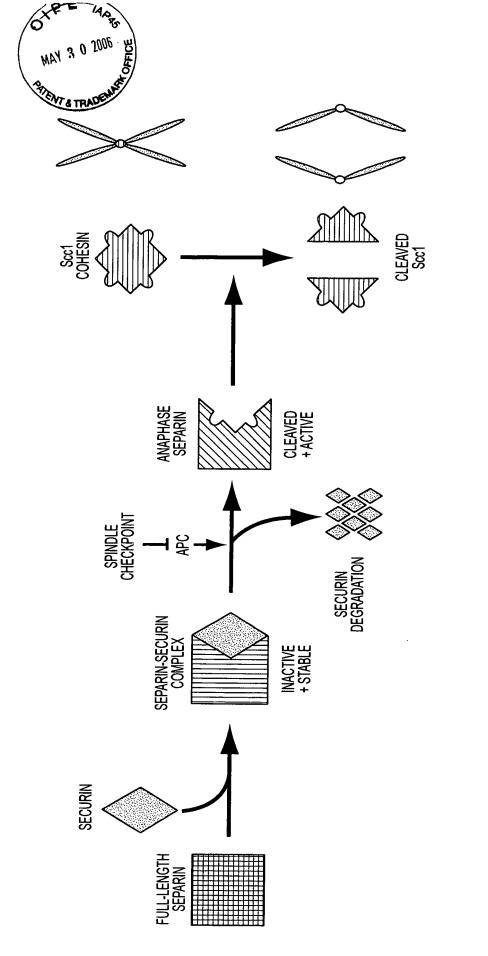


FIG. 7